

Appln. No.: 10/651,663

Response dated June 21, 2006

Reply to Office action of Apr. 21, 2006

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

1. (Previously Amended) A computer-readable medium containing a data structure for storing voice signals comprising a conversation list containing an entry for each of one or more phone conversations, each entry comprising a single string of data records wherein each data record has a file pointer to the next record, the last record having an end of file marker, each record corresponding to at least one time stamp of the phone conversation for use in restoring the data structure to a media understandable by a user, wherein the voice signals are analyzed for record-worthiness and recorded into the string of data records responsive to a determination that the voice signals are record-worthy.

2. (Original) The computer-readable medium of claim 1, wherein the data structure further comprises non-voice signals.

3. (Original) The computer-readable medium of claim 2, wherein the non-voice signals are computer readable files.

4. (Original) The computer-readable medium of claim 1, wherein the data structure is stored on a removable persistent memory element.

5. (Previously Presented) The computer-readable medium of claim 1, wherein the analysis of the voice signals for record-worthiness includes analysis of level of data content in the voice signals.

6. (Previously Presented) The computer-readable medium of claim 5, wherein the analysis of level of data content includes analysis of the voice signals on a frame-by-frame basis, wherein each frame is associated with a time stamp.

7. (Previously Presented) The computer-readable medium of claim 5, wherein each portion of a voice signal having a detected level of data content below a threshold level is not selected for recording into the string of data records.

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8. (Previously Presented) The computer-readable medium of claim 1, wherein the stored voice signals include uplink and downlink voice signals, the uplink voice signals being transmitted from a mobile set to a second device during the phone conversation, and the downlink voice signals being transmitted from the second device to the mobile set during the phone conversation.